

FIG. 1

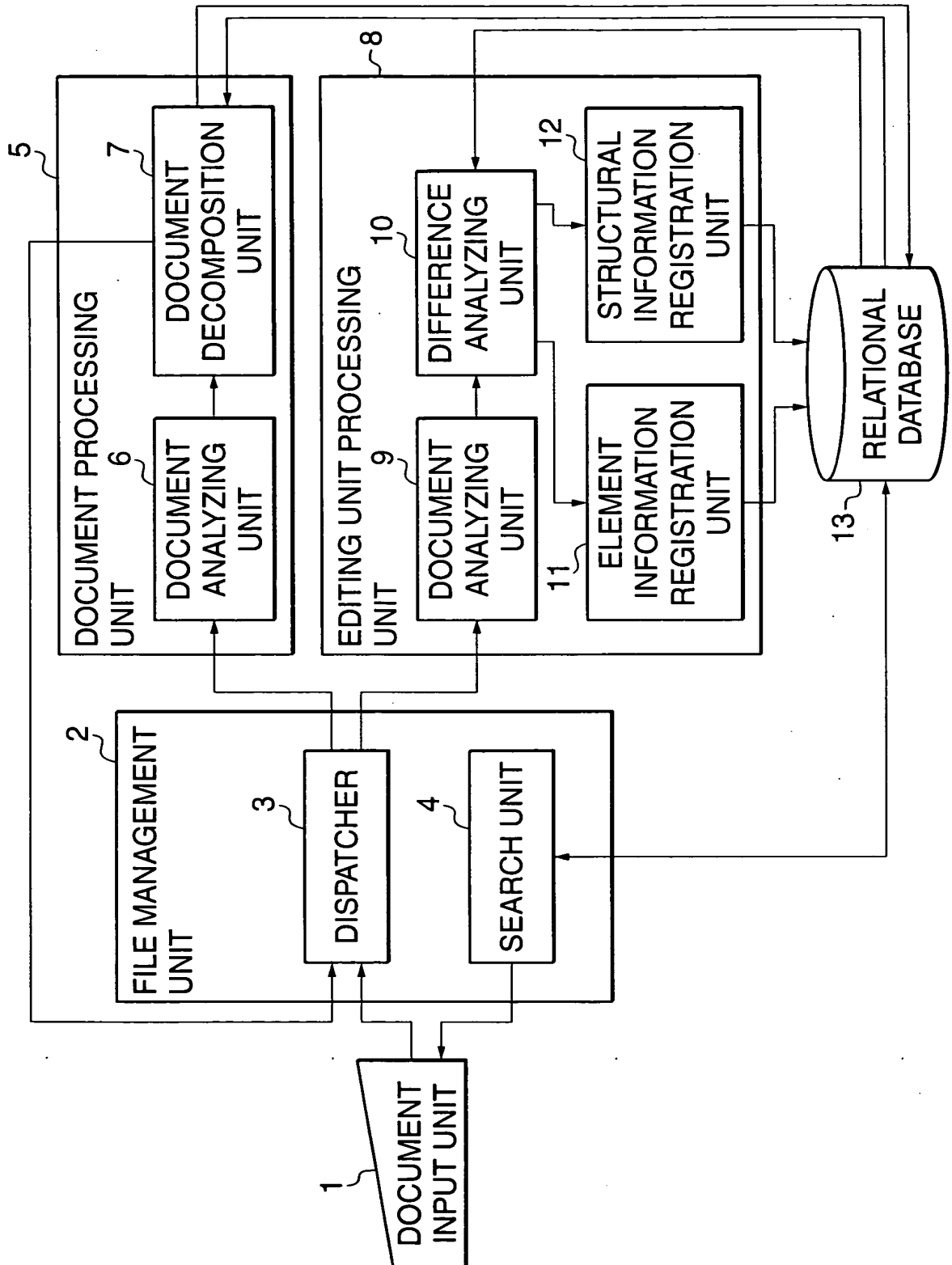


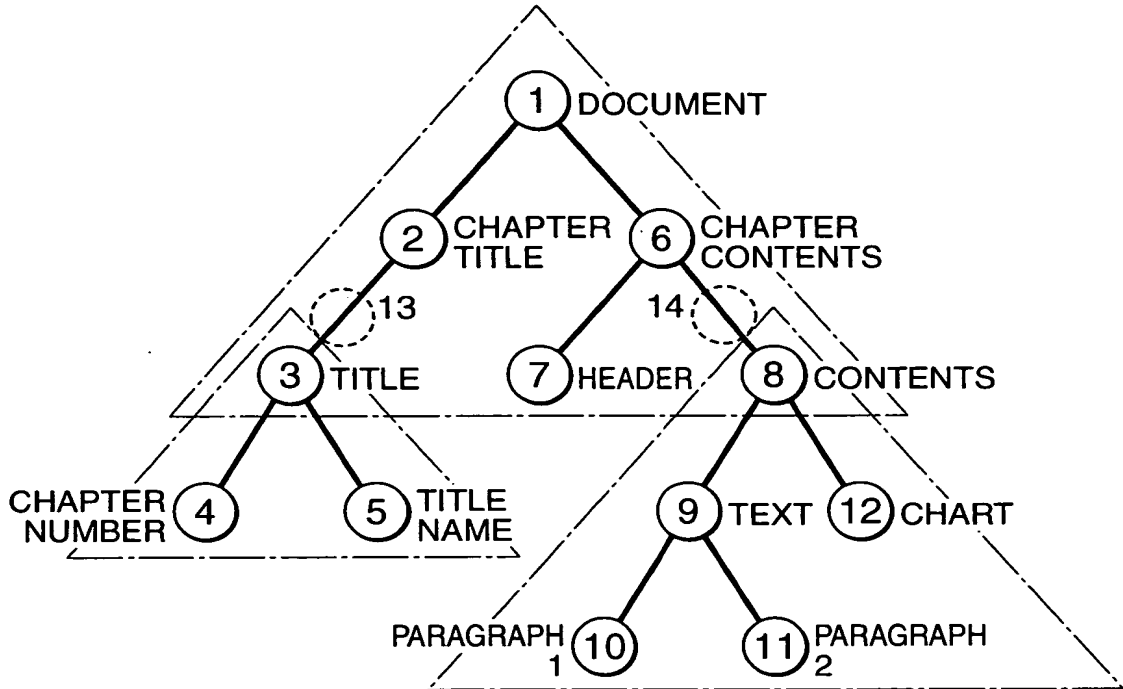
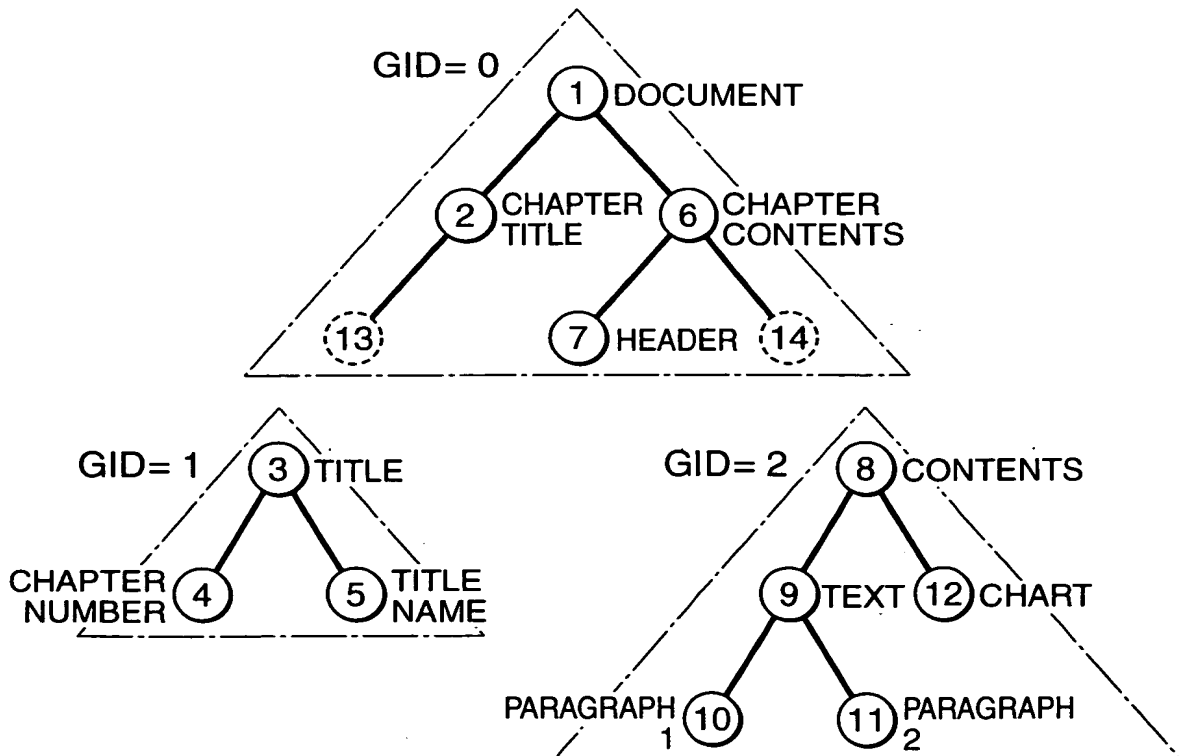
FIG. 2A**FIG. 2B**

FIG. 3A

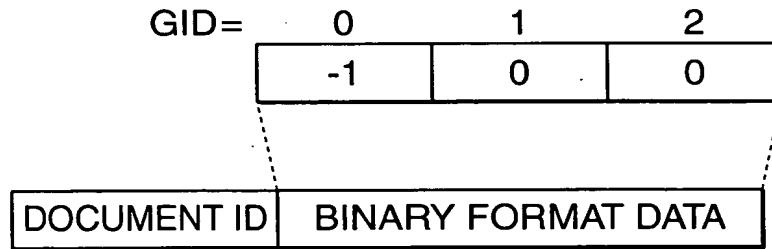


FIG. 3B

GID= 2

SNo	LNo	ELEMENT NAME	ATTRIBUTE VALUE
8	0	CONTENTS
9	1	TEXT
10	2	PARAGRAPH 1
11	3	PARAGRAPH 2
12	4	CHART

FIG. 3C

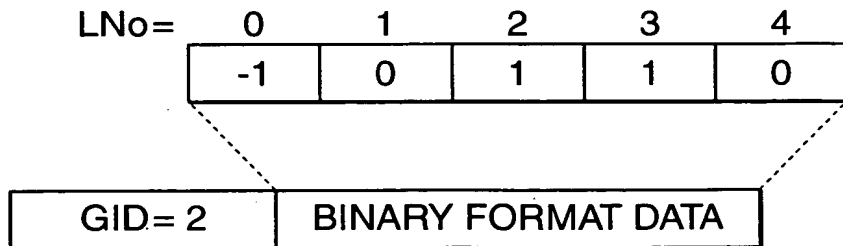


FIG. 4A

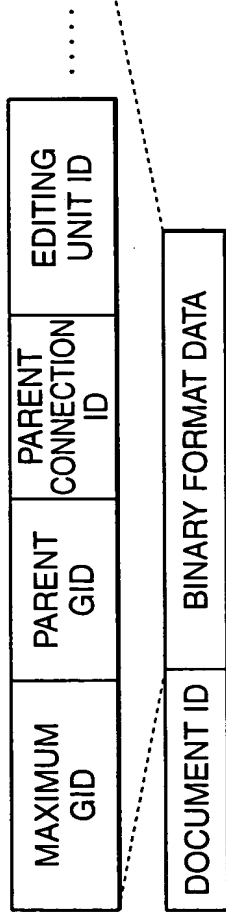


FIG. 4B

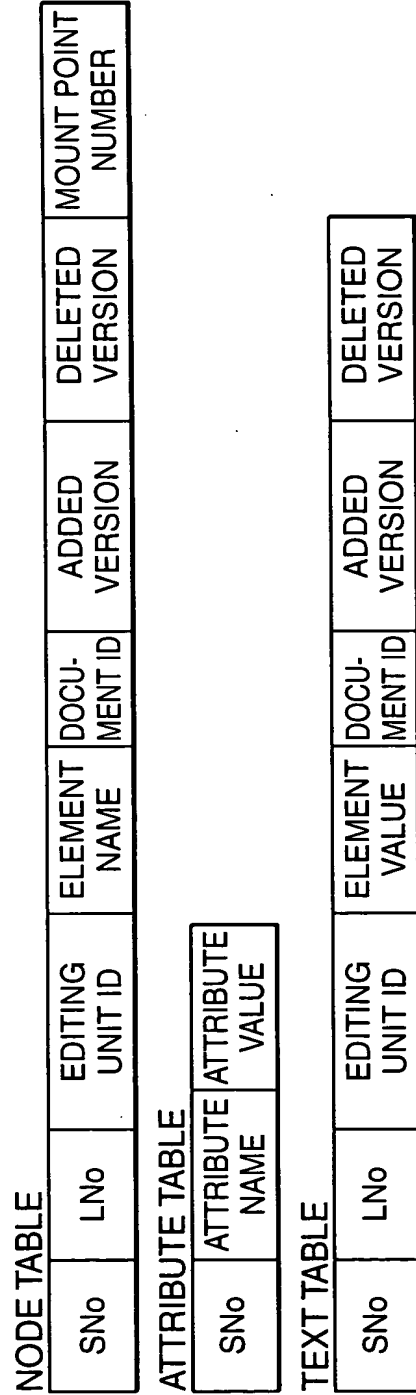


FIG. 4C

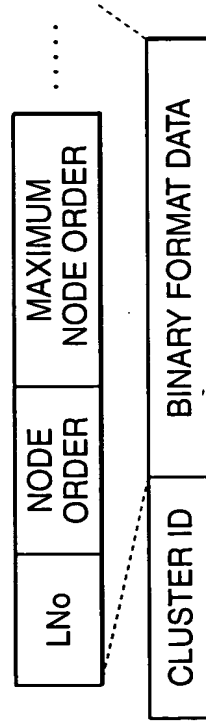


FIG. 4D

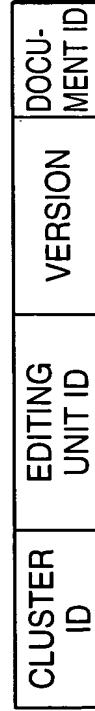


FIG. 5A

```

<BOOK ID= "F000000000000000" >
<TITLE ID= "F000000000000001" >READING= "BOOK TITLE"
<PARA ID= "F000000000000002" >BOOK TITLE</PARA>
</TITLE>
<PART ID= "F040000000000000" >
<TITLE ID= "F040000000000002" >READING= "PART TITLE"
<PARA ID= "F040000000000003" >PART TITLE</PARA>
</TITLE>
<CHAPTER ID= "F040100000000000" >
<TITLE ID= "F040100000000002" >READING= "CHAPTER TITLE"
<PARA ID= "F040100000000003" >CHAPTER TITLE</PARA>
</TITLE>
<SECTION ID= "F040200000000000" >
<TITLE ID= "F040200000000002" >READING= "SECTION TITLE"
<PARA ID= "F040200000000003" >SECTION TITLE</PARA>
</TITLE>
<DOCITEM ID= "F040200000000004" >
<PARA ID= "F040200000000005" >TEXT</PARA>
</DOCITEM></SECTION></CHAPTER></PART></BOOK>

```

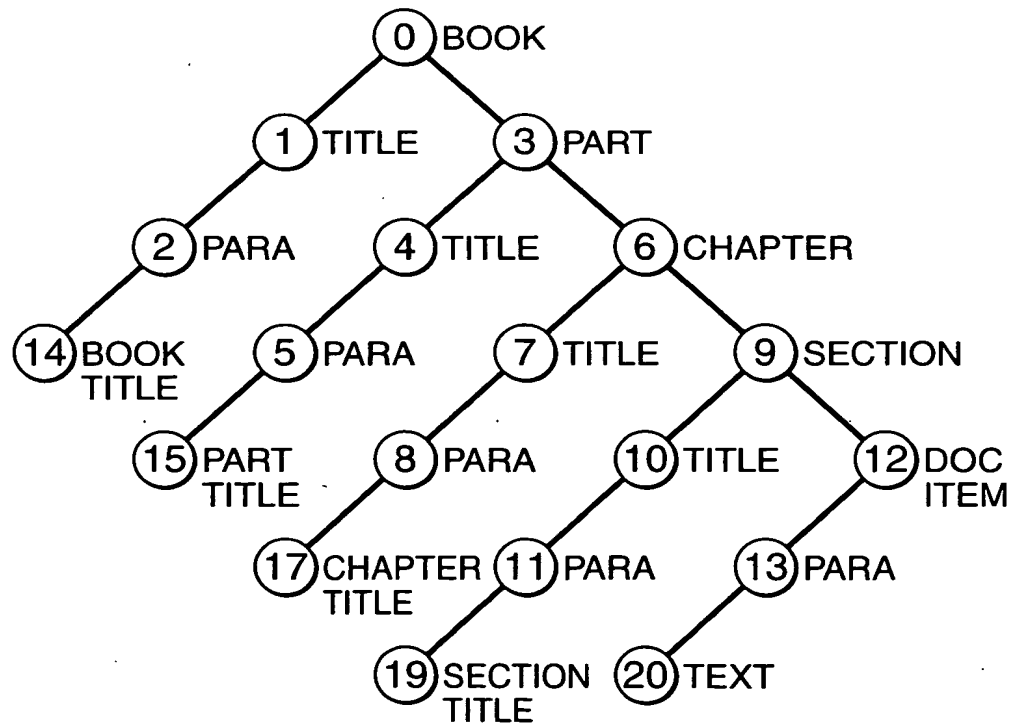
FIG. 5B

FIG. 6A

EDITING UNIT ID= 0, GID= 0

```

<BOOK ID= "F000000000000000" >
<TITLE ID= "F000000000000001" >READING= "BOOK TITLE"
<PARA ID= "F000000000000002" >BOOK TITLE</PARA>
</TITLE>
<PART ID= F040000000000000 >
<TITLE ID= "F040000000000002" >READING= "PART TITLE"
<PARA ID= "F040000000000003" >PART TITLE</PARA>
</TITLE> &E001; </PART></BOOK>

```

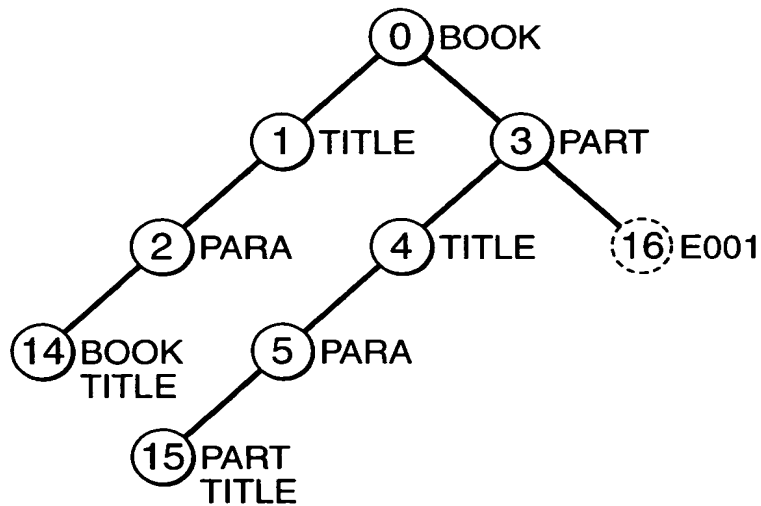
FIG. 6B

FIG. 7A

EDITING UNIT ID= 1, GID= 1

```
<CHAPTER ID= F04010000000000 >  
<TITLE ID= "F040100000000002" >READING= "CHAPTER TITLE"  
<PARA ID= "F040100000000003" >CHAPTER TITLE</PARA>  
</TITLE> &E002; </CHAPTER>
```

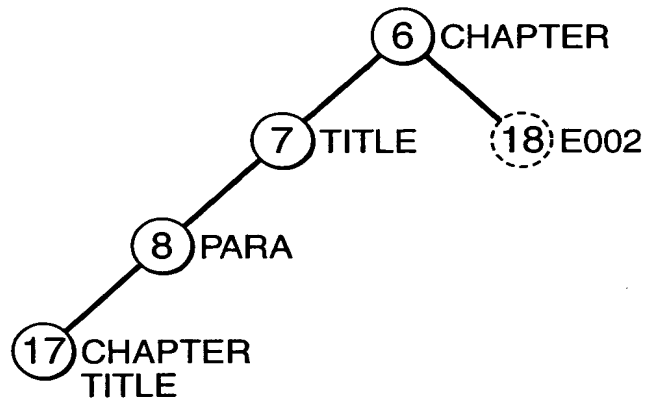
FIG. 7B

FIG. 8A

EDITING UNIT ID= 2, GID= 2

```
<SECTION ID= "F04020000000000" >  
<TITLE ID= "F040200000000002" >READING= "SECTION TITLE"  
<PARA ID= "F040200000000003" >SECTION TITLE</PARA>  
</TITLE>  
<DOCITEM ID= "F040200000000004" >  
<PARA ID= "F040200000000005" >TEXT</PARA>  
</DOCITEM></SECTION>
```

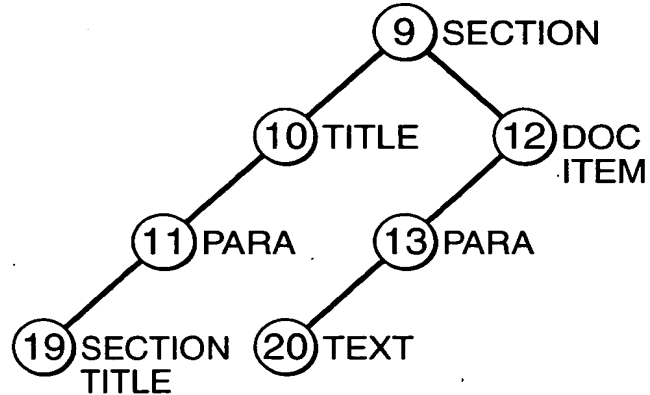
FIG. 8B

FIG. 9A

GID= 0				GID= 1				GID= 2			
2	-1	-1	0	2	0	001	1	2	1	002	2

FIG. 9B

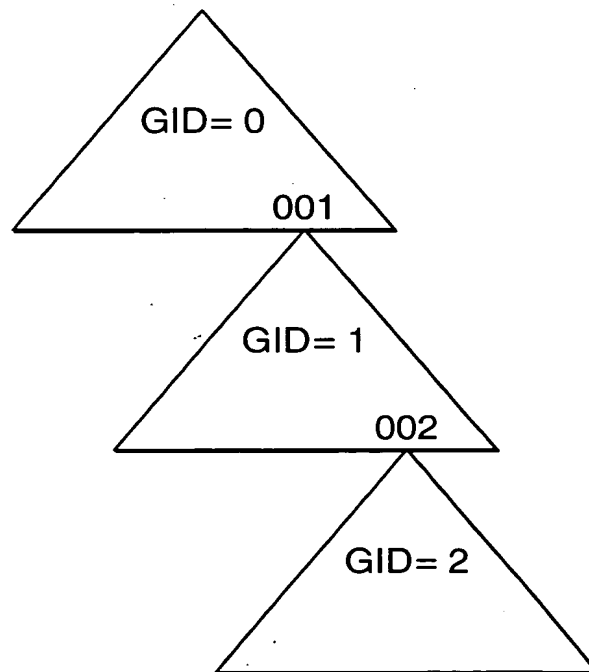


FIG. 10A

SN ₀	LN ₀	EDITING UNIT ID	ELEMENT NAME	DOCUMENT ID	ADDED VERSION	DELETED VERSION	MOUNT POINT NUMBER
0	0	0	BOOK	0	1	NULL	1
1	1	0	TITLE	0	1	NULL	0
2	2	0	PARA	0	1	NULL	0
3	3	0	PART	0	1	NULL	1
4	4	0	TITLE	0	1	NULL	0
5	5	0	PARA	0	1	NULL	0
6	0	1	CHAPTER	0	1	NULL	1
7	1	1	TITLE	0	1	NULL	0
8	2	1	PARA	0	1	NULL	0
9	0	2	SECTION	0	1	NULL	0
10	1	2	TITLE	0	1	NULL	0
11	2	2	PARA	0	1	NULL	0
12	3	2	DOCITEM	0	1	NULL	0
13	4	2	PARA	0	1	NULL	0

FIG. 10B

SN ₀	ATTRIBUTE NAME	ATTRIBUTE VALUE
0	ID	F000000000000000
1	ID	F000000000000001
1	READING	BOOK TITLE
2	ID	F000000000000002
3	ID	F040000000000000
4	ID	F040000000000002
4	READING	PART TITLE
5	ID	F040000000000003
6	ID	F040100000000000
7	ID	F040100000000002
7	READING	CHAPTER TITLE
8	ID	F040100000000003
9	ID	F040200000000000
10	ID	F040200000000002
10	READING	SECTION TITLE
11	ID	F040200000000003
12	ID	F040200000000004
13	ID	F040200000000005

FIG. 11

TEXT TABLE

SNo	LNo	EDITING UNIT ID	ELEMENT VALUE	DOCUMENT ID	ADDED VERSION	DELETED VERSION
14	6	0	BOOK TITLE	0	1	NULL
15	7	0	PART TITLE	0	1	NULL
16	8	0	E001	0	1	NULL
17	3	1	CHAPTER TITLE	0	1	NULL
18	4	1	E002	0	1	NULL
19	5	2	SECTION TITLE	0	1	NULL
20	6	2	TEXT	0	1	NULL

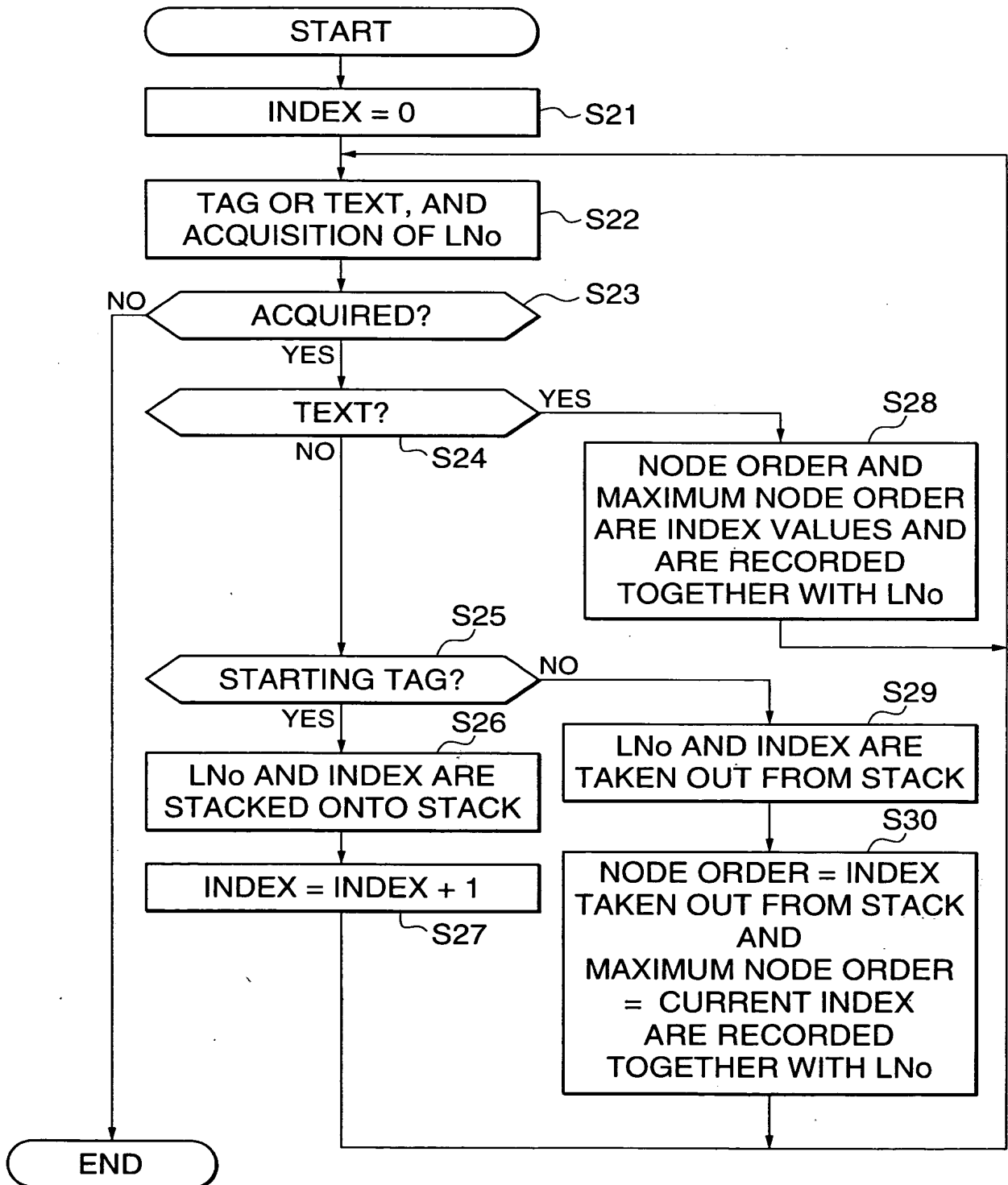
FIG. 12

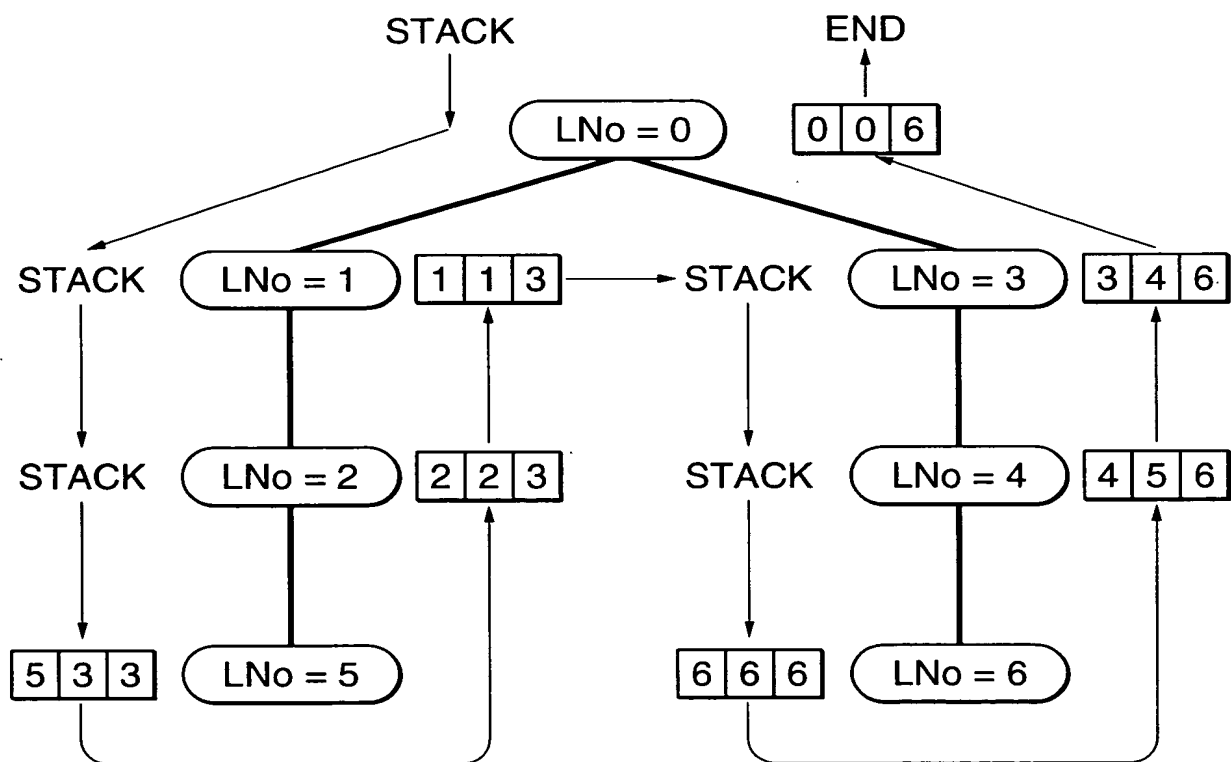
FIG. 13

FIG. 14A

EDITING UNIT ID = 0,
CLUSTER ID = 0

LNo	NODE ORDER	MAXIMUM NODE ORDER
0	0	8
1	1	3
2	2	3
3	4	8
4	5	7
5	6	7
6	3	3
7	7	7
8	8	8

FIG. 14B

EDITING UNIT ID = 1,
CLUSTER ID = 1

LNo	NODE ORDER	MAXIMUM NODE ORDER
0	0	4
1	1	3
2	2	3
3	3	3
4	4	4

FIG. 14C

EDITING UNIT ID = 2,
CLUSTER ID = 2

LNo	NODE ORDER	MAXIMUM NODE ORDER
0	0	6
1	1	3
2	2	3
3	4	6
4	5	6
5	3	3
6	6	6

FIG. 14D

VERSION TABLE

CLUSTER ID	EDITING UNIT ID	VERSION	DOCUMENT ID
0	0	1	0
1	1	1	0
2	2	1	0

FIG. 15

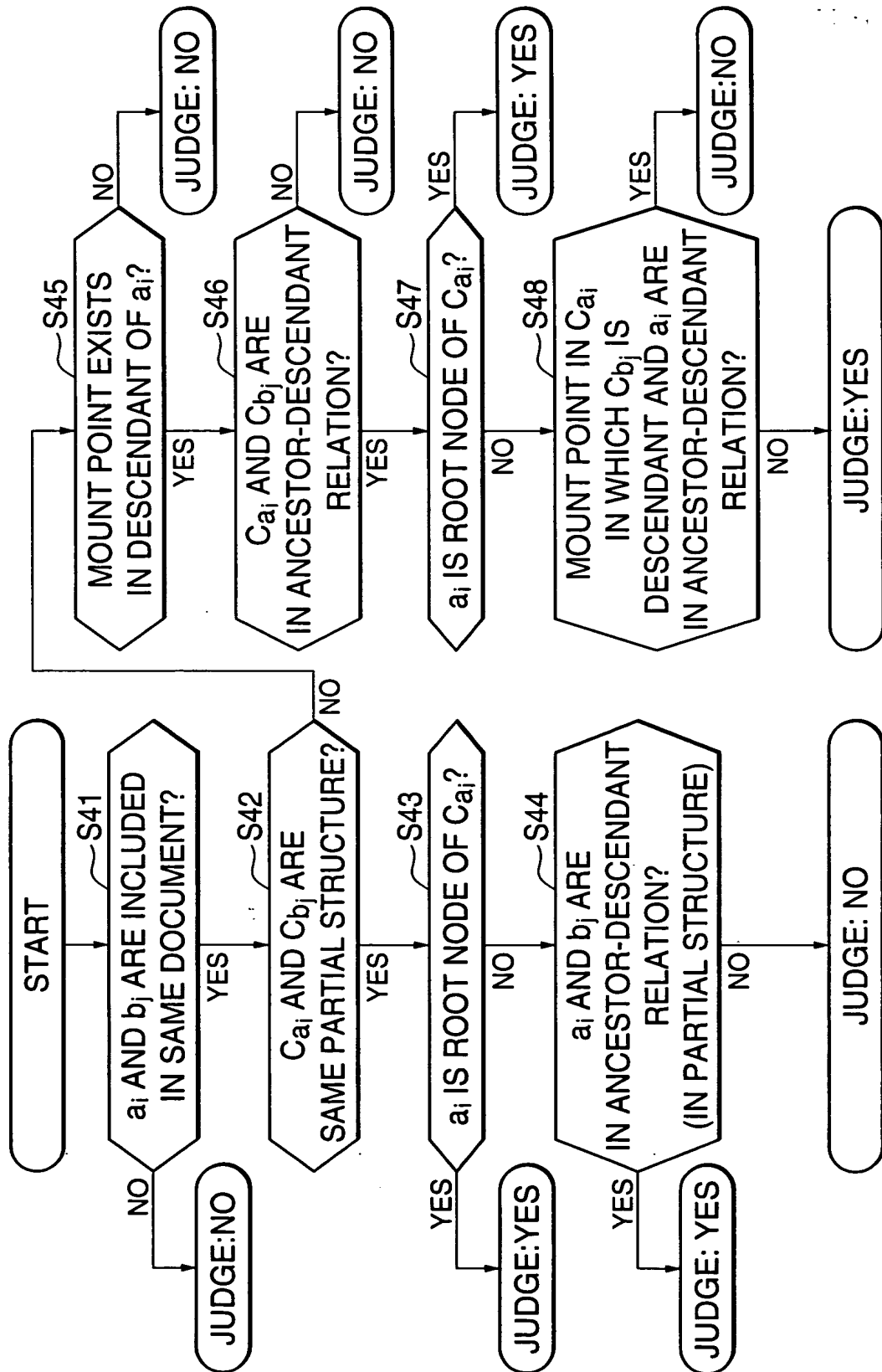


FIG. 16A

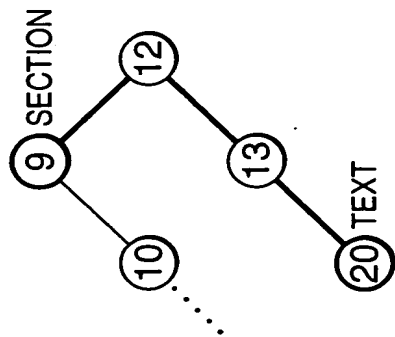


FIG. 16B

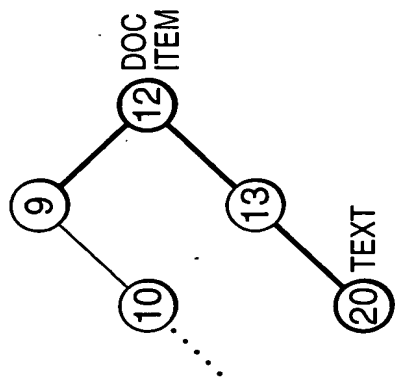


FIG. 16C

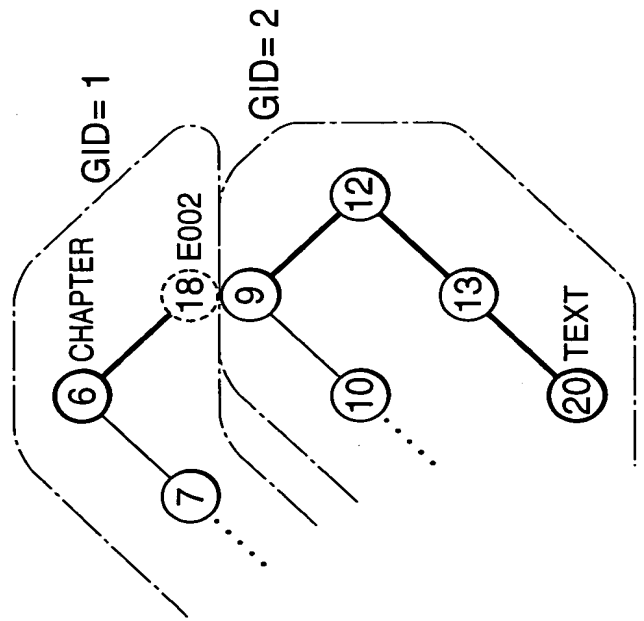


FIG. 16D

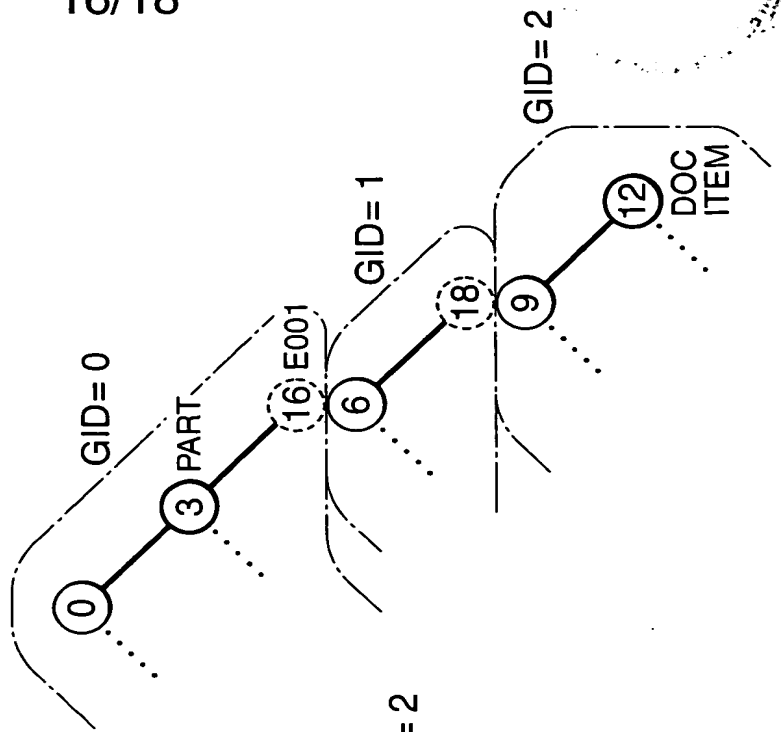


FIG. 17A

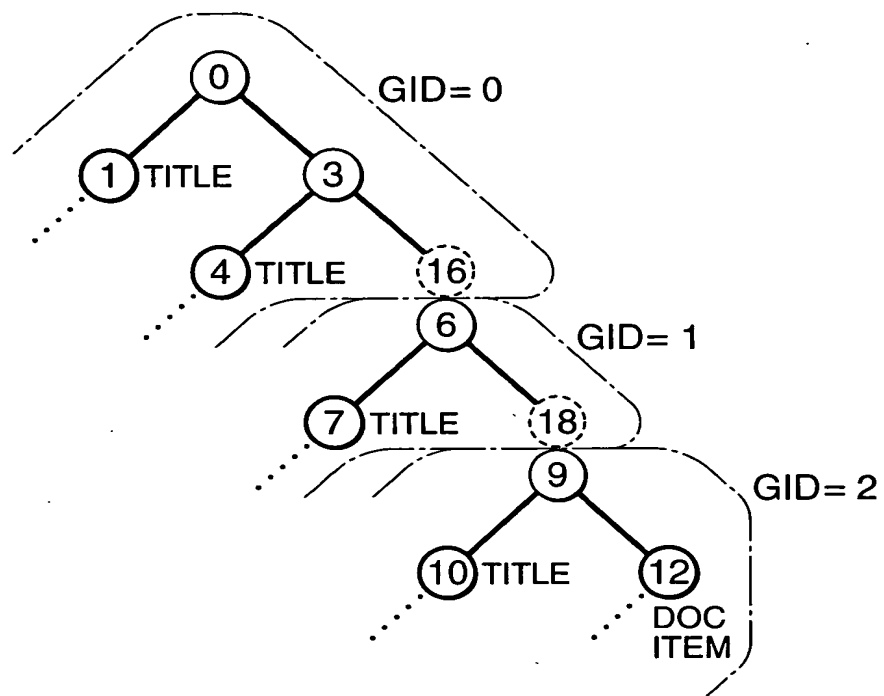


FIG. 17C

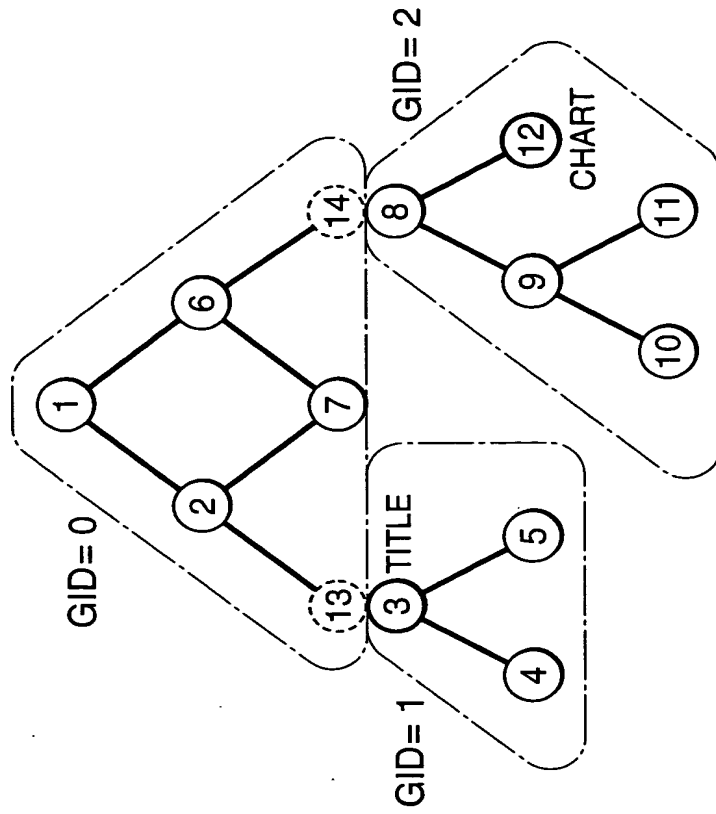


FIG. 17B

